

Rules and Procedures for the Expansion of Accreditable Programs (Categories) of Engineering Education Accreditation

CEEAA

No. 30, Xueyuan Road, Haidian District

Beijing 100083

Phone: 86-10-66093183

Email: ceeaa@cast.org.cn

Website: http://www.ceeaa.org.cn

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Preface

To consolidate the management of expanding accreditable programs and accreditable categories so as to improve the quality of accreditation, the following regulations have been established in accordance with the *Policy and Procedure of Engineering Education Accreditation* and *Rules and Procedures on Program Accreditation Sub-committees*,

1. Definition of accreditable programs (categories)

In principle, the accreditable engineering education programs (categories) should be the programs listed in the *Catalogue of Undergraduate Programs in of Higher Education Institutions* promulgated by the Ministry of Education.

The accreditable programs to be newly expanded by Program Accreditation Sub-committees should be those belonging to their own categories. As to accrediting relevant programs in other categories, they should consult with the corresponding Program Accreditation Sub-committees. In the event that the corresponding Program Accreditation Sub-committees have not been established, they should consult with the specific Education Steering Committee, and also solicit opinions from relevant industry sectors.

For expansion of accreditable categories, the detailed coverage of programs should be clarified.

2. Establishment and adjustment of program accreditation sub-committees

To accredit a new category, a corresponding Program Accreditation Sub-committee (in preparation) should be established beforehand. For relevant requirements, refer to the Rules and Procedures on Program Accreditation Sub-committees.

If the coverage of accreditation is extended to any new program, the structure of the Program Accreditation Sub-committee should be adjusted to ensure that the members are widely representative.

3. Formulation and revision of accreditation criteria

To accredit a new program (category), a set of complementary criteria for such program (category) should be developed based on the general criteria. The complementary criteria for a new program should be developed within the framework of the complementary criteria for the category. The complementary criteria for a new category should be consistent with and substantial equivalence to the framework of the complementary criteria for other categories.

The complementary criteria for new accreditable programs (categories) should be developed and revised based on in-depth discussions with the Program Accreditation Sub-committees, and on the opinions of the competent authorities of the industry, the industry association, teaching steering committees, and major institutions offering the programs.

The complementary criteria for new accreditable programs (categories) should be tried for accreditation of relevant programs in at least two institutions. Upon the trial results, the complementary criteria should be improved before submitted to the Academic Committee of CEEAA for approval, and then to the Council of CEEAA for approval and release.

4. Program evaluators

Carrying out accreditation in new expanded programs (categories) requires a sufficient number of competent program evaluators.

The program evaluators for new expanded accreditable programs (categories) should meet the requirements in the Rules and Procedures on Accreditation Evaluators of Engineering Education Accreditation. For the new expanded accreditable programs (categories), the program evaluators should complete the theoretical qualification training and the on-site visit/virtual review probation at other programs (categories) if needed.

5. Accreditation

To accredit a new expanded program (category), trials should be conducted for relevant programs in at least two institutions to test the complementary program criteria, to train program evaluators and to improve the competency of the accreditation sub-committees.

Personnel of the accreditation sub-committees, the complimentary accreditation criteria and the pool of evaluators should be timely adjusted based on the trial results. A summary report should be developed and submitted to the Secretariat of CEEAA, which will then, together with the Academic Committee, make follow-up arrangements for the expanded

accreditable programs (categories) and report to the Council of CEEAA for approval.

These regulations are subject to interpretation by CEEAA.